

ABSTRACT

The invention relates to an insulating member and a method of producing said member. Such an insulating member consists of two sheet metal walls 1, 2, a sealing profile 3 connecting the walls 1, 2 hermetically at the edge, and dimensionally stable sealing material 4, more particularly an open-pored cellular material, which is accommodated in the evacuated cavity formed by the walls 1, 2 and the sealing profile 3 hermetically connected thereto. The sealing material 4 is dimensionally stable and supports the walls 1, 2. To improve the insulating effect of the insulating member in the edge zone also, the hermetic connection of the sealing profile 3 to the walls 1, 2 takes the form of a heat sealing, and the sealing profile itself does not consist of sheet metal, but of a material having a lower thermal conductivity, low vapour permeability and satisfactory hot sealing properties. Such an insulating member is produced in a vacuum chamber with the cavity at first open and furnished with the insulating material 4, whereafter the cavity is closed and the edge zones are hot sealed in vacuo.

Fig. 1 is intended for the Abstract.